

Michigan Fruit Inventory – 2011

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Michigan's fruit industry needs updated information for planning, marketing, and production forecasting. The last inventory was conducted in 2006. Response to this survey is voluntary and not required by law, however, your voluntary cooperation in reporting about the fruit acreage you operated in 2011 is needed. Your report is strictly confidential. Thank you for your help.

Please make corrections to name, address, and Zip Code if necessary.

To avoid duplication, indicate below any farm name or partner(s) associated with this operation *not* included in the above address.

If you receive more than one of these forms, please complete one, mark any other "duplicate," and mail in all forms.

If not growing fruit, check reason below and give new fruit operator's name, if applicable.

1. ☐ Farm sold.
2. ☐ Retired from farming.
3. ☐ Entire farm rented to others.
4. ☐ Farming, but not growing fruit.
5. ☐ Never farmed.

Farm Name: _____

New Operator Name: _____

Partners' Names: _____

Address: _____

City: _____ Zip: _____

Phone: _____

Report for all land you operate (Include land you rent from others, but exclude land you rent to others).

List the total acres in your operation, for each fruit grown.

Crop	Total Acreage
Apples	001
Tart Cherries	101
Sweet Cherries	151
Peaches	401
Blueberries	201
Grapes	301

Crop	Total Acreage
Nectarines	851
Pears	601
Plums	501
Brambles	701
Strawberries	751
Cranberries	801

***** Please read instructions on next page before proceeding. *****

INSTRUCTIONS

Please report only for acreage of fruit you operate: **Include** land rented from others. **Exclude** land rented to others.

If you participated in the 2006 Fruit Inventory, you will find enclosed a printout of the blocks you reported in 2006. Space has been left on these printouts for you to update the information. Check all “other” varieties on the block record and update them. Your updated copy of the 2006 printout should be returned with this questionnaire in which you should report on new blocks acquired or planted since 2006. You may use the printout as a reference only and list all of your blocks in this questionnaire. All of your fruit blocks must be accounted for between the updated printout and the questionnaire. Note: No previously reported strawberry data are on printouts.

If you did not receive a printout from the 2006 survey, complete a line in the questionnaire for each block in your operation. Use the name or number that you use to identify each block. Each block should have its own distinctive name or number. List the county and township where the block is located. Include all bearing and non-bearing blocks. **Exclude** neglected blocks. Enter the appropriate variety and rootstock codes on the lines and complete the remaining cells for each variety in the block. Round acreage to the nearest tenth of an acre. **See examples below.**

This is the first inventory for which geo-coordinates are being collected. If you have this information for any of your blocks or fields, write the latitude and longitude on the printout for previously reported data and in the booklet for new data. The geo-coordinates need to be recorded only once for each block or field, not for every planting within the block or field.

Example for Apples

Use code if given. If not write in variety name.

Block (Name or number)	County (Name)	Township (Name)	Variety (Code or name)	Rootstock code	Year Planted	Trees (Number)	Acres	Spacing	Latitude	Longitude
<i>Home Farm</i>	<i>Kent</i>	<i>Alpine</i>	<i>023</i>	<i>6</i>	<i>2007</i>	<i>2400</i>	<i>5.0</i>	<i>6 x 15</i>	<i>43.132 681</i>	<i>-85.799 410</i>
<i>Jones Place</i>	<i>Kent</i>	<i>Alpine</i>	<i>Red Delicious</i>	<i>5</i>	<i>2006</i>	<i>530</i>	<i>4.0</i>	<i>16 x 20</i>	<i>43.117 791</i>	<i>-85.765 782</i>
<i>Jones Place</i>	<i>Kent</i>	<i>Alpine</i>	<i>012</i>	<i>5</i>	<i>2006</i>	<i>125</i>	<i>1.0</i>	<i>16 x 20</i>		

Example for Cherries

Use code if given. If not write in variety name.

Block (Name or number)	County (Name)	Township (Name)	Variety (Code or name)	Rootstock	Year planted	Trees (Number)	Acres	Spacing	Latitude	Longitude
<i>Home</i>	<i>Leelanau</i>	<i>Leland</i>	<i>Ulster</i>	<i>2</i>	<i>1991</i>	<i>2,400</i>	<i>22.0</i>	<i>20 x 20</i>	<i>44.967319</i>	<i>-85.728395</i>
<i>Home</i>	<i>Leelanau</i>	<i>Leland</i>	<i>163</i>	<i>2</i>	<i>1988</i>	<i>600</i>	<i>6.0</i>	<i>20 x 22</i>		
<i>North Forty</i>	<i>Leelanau</i>	<i>Bingham</i>	<i>111</i>	<i>1</i>	<i>2002</i>	<i>660</i>	<i>5.5</i>	<i>18 x 20</i>	<i>44.934664</i>	<i>-85.607969</i>

Apples

Variety	Code	Variety	Code	Variety	Code	Variety	Code	Variety	Code
Blondee	075	Fuji--main season	016	Idared	019	Mutsu /Crispin	025	Spartan	031
Braeburn	035	Gala	017	Jonagold	020	Northern Spy	026	Winesap	032
Cortland	011	Ginger Gold	042	Jonamac	046	Paulared	027		
Empire	015	Golden Delicious	012	Jonathan	023	Red Delicious	014		
Fuji—early season	076	Honeycrisp	065	McIntosh	024	Rome	030	Other (specify)	

Rootstocks

Rootstock	Code	Rootstock	Code	Rootstock	Code
Seedling	1	M26	5	Bud 9	10
MM111	2	Mark	6	Geneva 30	11
MM106	3	M9 & M9 clones	7	Geneva 16	12
M7 (VII)	4	Bud 118	8	Other (specify)	

[illegible]

Apples

[illegible]

Apples

[illegible]

Cherries

Tart Cherries	
Variety	Code
Montmorency	111
Galaxy	112
Balaton	113
Other (specify)	

Sweet Cherries							
Light		Dark					
Variety	Code	Variety	Code	Variety	Code	Variety	Code
Emperor Francis	161	Attika	184	Sam	169	Van	172
Gold	162	Cavalier	175	Schmidt	170	Windsor	173
Napoleon	163	Hedelfingen	167	Summit	190		
Ranier	164	Kristen	179	Ulster	171		
Other (specify)		Nelson	168			Other (specify)	

Rootstocks							
Mahaleb = 1	Mazzard = 2	MxM 2 = 3	MxM 60 = 4	Gisela 5 = 5	Gisela 6 = 6	Gisela 12=7	Other (specify)

[illegible]

Cherries

[illegible]

Peaches

Fresh Market										Processing	
Variety	Code	Variety	Code	Variety	Code	Variety	Code	Variety	Code	Variety	Code
Allstar	456	Earlstar	481	Messina	480	PF – 17	442	Redkist	434	Arkansas-9	441
Autumnstar	479	Fayette	429	Newhaven	421	PF – 19A	463	Redskin	423	Baby Gold - 5	411
Bellaire	426	Garnet Beauty	415	PF - 1	445	PF20 – 007	464	Redstar	459	Baby Gold – 7	466
Blazingstar	454	Glohaven	416	PF – 5B	446	PF – 23	444	Risingstar	458	Catherina	473
Blushingstar	453	Glowingstar	457	PF – 7	477	PF24 – 007	465	Saturn	474	Venture	469
Brightstar	482	Harbrite	417	PF – 12A	443	PF – 24C	476	Starfire	452	Vinegold	471
Canadian Harmony	412	Jersey Dawn	418	PF – Lucky 13	475	PF – 25	460	Summer Serenade	467	Virgil	470
Coralstar	455	Jim Dandee	419	PF 14NJ	447	PF – 27A	448	Suncrest	436	Vulcan	478
Cresthaven	414	Loring	420	PF – 15A	461	Redhaven	422	Other (specify)		Other (specify)	

[illegible]

Blueberries

Variety	Code	Variety	Code	Variety	Code	Variety	Code	Variety	Code
Aurora	242	Bonus	235	Duke	216	Northland	227	Stanley	229
Berkeley	211	Brigitta	232	Earlblue	226	Patriot	219	Sunrise	237
Bluecrop	212	Burlington	223	Elliott	217	Pemberton	228	Toro	238
Bluegold	234	Collins	224	Jersey	218	Rancocas	220	Weymouth	230
Bluejay	213	Concord	233	Legacy	243	Rubel	221		
Blueray	215	Coville	225	Liberty	241	Sierra	236		
Bluetta	214	Draper	239	Nelson	231	Spartan	222	Other (specify)	

Irrigation Codes	
Non-irrigated	2
Drip (trickle)	3
Subterranean	4
Traveling gun	5
Overhead sprinkler	6

[illegible]

Grapes

American		Hybrids						Vinifera			
Variety	Code	Variety	Code	Variety	Code	Variety	Code	Variety	Code	Variety	Code
Catawba	320	Aurore	315	De Chaunac	322	Seyval	326	Auxerrois	352	Pinot Blanc	342
Concord	312	Baco Noir	316	Foch	323	Traminette	335	Cabernet Franc	338	Pinot Gris	334
Delaware	313	Cayuga White	311	Fredonia	331	Vidal Blanc	327	Cabernet Sauvignon	340	Pinot Noir	325
Niagara	314	Chambourcin	317	Frontenac	346	Vignoles	328	Chardonnay	319	Riesling	329
Other (specify)		Chancellor	318	Marquette	353			Gamay Noir	341	Sauvignon Blanc	345
		Chardonel	333	Marquis	344			Gewurztraminer	324	Scheurebe	356
		Chelois	321	Regent	339	Other (specify)		Kerner	355	Syrah	343
								Lemberger	330	Viognier	354
								Merlot	336	Other (specify)	

Principal Use		
Juice = 1	Wine = 2	Table (Fresh) = 3

[illegible]

Nectarines, Pears, and Plums

Nectarines		Pears				Plums			
Variety	Code	Variety	Code	Variety	Code	Variety	Code	Variety	Code
Fantasia	861	Asians	611	Harrow Sweet	621	Blufre	511	NY 9	527
June Glo	863	Bartlett	612	Red Sensation	617	Castleton	525	Ozark Premier	515
PF 11	870	Bosc	613	Spartlett	618	Damson	512	Shiro	516
Redgold	864	Clapp's	614			Italian	513	Stanley	517
Summer Beauty	868	D'Anjou	615			Methley	514	Toka/Bubble Gum	530
Other (specify)		Harrow Delight	620	Other (specify)		NY 6	526	Other (specify)	

[illegible]

Blackberries	
Variety	Code
Chester	712
Illini Hardy	736
Kiowa	714
Natchez	741
Thornfree	715
Triple Crown	713
Other (specify)	

Raspberries							
Variety	Code	Variety	Code	Variety	Code	Variety	Code
Algonquin	735	Caroline	743	K-81-6	716	Polana	727
Anne	740	Chillowack	721	Killarney	726	Prelude	734
Autumn Bliss	733	Encore	724	Latham	723	Redwing	725
Autumn Britten	742	Heritage	722	Lauren	744	Reveille	737
Boyne	731	Jaclyn	732	Moutere	711	Royalty	730
Bristol	717	Jewel	719	Nova	739	Titan	728
Canby	720	Josephine	718	Octavia	729	Other (specify)	

[illegible]

Strawberries

Variety	Code	Variety	Code	Variety	Code
Allstar	201	Earlglow	204	Mira	222
Annapolis	202	Guardian	206	Northeaster	218
Brunswick	205	Honeoye	207	Red Chief	213
Cabot	217	Jewel	208	Seneca	214
Cavendish	203	Kent	209	Sparkle	215
Darselect	223	Lateglow	210	Winona	221
Delmarvel	216	Mesabi	224	Other (specify)	

Cranberries

Variety	Code
Ben Lear	811
Bergman	812
La Monyon	817
Pilgrim	814
Searles	813
Stevens	815
Other (specify)	

[illegible]

Fruit Planting and Removal Intentions for 2012 - 2016

Do you plan to make any changes to your fruit acreage in the next five years? Yes _____ Continue No _____ Go to next page

Please record the acres of each type of fruit and variety you plan to remove and to plant over the next five years. If you have intentions to remove or plant but do not know the variety, you may leave that column blank. If you are unsure exactly which year you will plant or remove acreage, please estimate.

Fruit Species	Variety	Year	Acres to be planted	Acres to be removed
		2012		
		2012		
		2012		
		2012		
		2012		
		2012		
		2013		
		2013		
		2013		
		2013		
		2013		
		2013		
		2014 - 2016		
		2014 - 2016		
		2014 - 2016		
		2014 - 2016		

Fruit Species	Variety	Year	Acres to be planted	Acres to be removed
		2012		
		2012		
		2012		
		2012		
		2012		
		2012		
		2013		
		2013		
		2013		
		2013		
		2013		
		2013		
		2014 - 2016		
		2014 - 2016		
		2014 - 2016		
		2014 - 2016		

A. Direct Marketing and Agri-Tourism

1. Do you sell any of the fruit you grow directly to consumers? (Check one.)

Yes (Continue)

621

No (Go to item 2)

622

Indicate the top 4 species of fruit you market directly and which type(s) of direct sales you use: (Check all that apply.)

Species	On-farm		Off-farm	CSA
	U-pick	Stand or store	Farmers' market	Memberships
	627	631	635	662
	628	632	636	663
	629	633	637	664
	630	634	638	665

What percentage of your total farm income comes from direct marketing of farm products?

On-farm
639

percent

Off-farm
640

percent

CSA
666

percent

2. Do you offer any agri-tourism activities on this operation?

Yes (Continue)

641

No (Go to B)

642

Indicate the activity: (Enter a "1" in each box that applies.)

643 Winery/Cidery
644 Petting zoo

645 Corn maze
646 School or group tours

647 Wagon rides
648 Gift shop

649 Retail food sales
650 Special events (weddings, etc.)

667 Cider mill
651 Other (specify) _____

3. What percentage of your total farm income comes from the agri-tourism activities listed in question 2?

652

percent

B. Organic Fruit

1. Were there any acres of certified organic fruit on this operation? Yes (Continue)

653

No (Go to section C)

654

2. Indicate the species and acres of certified organic fruit on this operation:

Species	Acres
	658
	659
	660

3. What percentage of your operation's income comes from certified organic fruit sales?

661

percent

C. Neglected Orchards

1. In the townships where you operate, are there any neglected fruit orchards, vineyards, or plantations left unmanaged for at least one year?
(Enter "1" in the appropriate box.)

⁴¹⁰ Yes (continue)	⁴¹¹ No (go to item 5)	⁴¹² Don't know (go to item 5)
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2. In the primary township where you operate, about how many neglected acres are there of the following?

Apples ⁴¹³ acres	Blueberries ⁴¹⁵ acres	Cherries ⁴¹⁷ acres
Grapes ⁴¹⁴ acres	Other tree fruit ⁴¹⁶ acres	

3. Within one-half mile of any of your fruit, how many neglected acres of fruit are there?

⁴¹⁹ acres

4. Rate the amount of increase in the cost of pest management you have experienced from insect or plant disease infiltration from neglected fruit acreage:
(Enter "1" in the appropriate box.)

⁴²⁴ None	⁴²⁵ Slight	⁴²⁶ Moderate	⁴²⁷ Extensive
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5. Thank you for completing the fruit acreage update and providing input on neglected orchards. A report with the results will be available next fall at www.nass.usda.gov

Office use only

Mark on the county map the neglected fruit acres referred to in question 3 above.

Code 1 Code 2 Code 3 Code 4 Code 5

(Use capital letters. If more than 26 letters are needed, proceed with AA, AB, AC, AD, ETC.)

Reported by: _____ Telephone: _____ Date: _____

Response		Respondent		Mode		Enum.	Eval.	Office Use for POID	
1-Comp	9901	1-Op/Mgr	9902	1-Mail	9903	098	100	789	
2-R		2-Sp		2-Tel				_____	
3-Inac		3-Acct/Bkpr		3-Face-to-Face					
4-Office Hold		4-Partner		4-CATI					
5-R-Est		9-Oth		5-Web					
6-Inac-Est				6-e-mail					
7-Off Hold - Est				7-Fax					
8-Known Zero				8-CAPI					
								Optional Use	
								407	408
S/E Name									